
Product Name: Phospho-CaMKII (Thr287) Mouse Monoclonal Antibody**Catalog #: AMM84832**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:50-1:100
Molecular Weight	/

Antigen Information

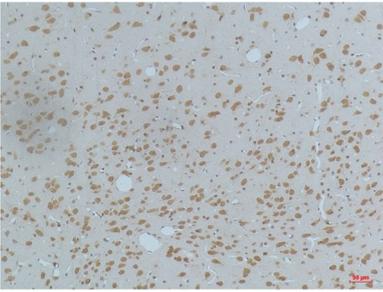
Gene Name	Phospho-CaMKII (Thr287)
Alternative Names	Calcium/calmodulin dependent protein kinase II; KCC2A
Gene ID	816/817/818
SwissProt ID	Q13554/Q13555/Q13557
Immunogen	Synthetic peptide conjugated to KLH.

Background

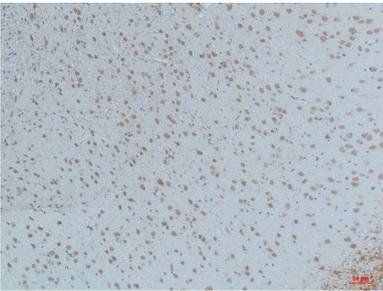
CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release. Member of the NMDAR signaling complex in excitatory synapses it may regulate NMDAR-dependent potentiation of the AMPAR and synaptic plasticity.

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded rat Brain Tissue using Phospho-CaMKII (Thr287) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using Phospho-CaMKII (Thr287) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.